



# Oregon

Theodore Kulongoski, Governor

## Department of Environmental Quality

Northwest Region Portland Office

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October 2, 2007

*Also Sent Via E-mail*

Mr. Robert J. Wyatt  
Northwest Natural Gas Company  
220 N.W. Second Avenue  
Portland, OR 97209

**Re: Groundwater Seepage Meter and Transition Zone Water  
Tidal Influence Study Scopes of Work  
Northwest Natural Gas Company - Gasco Site  
Portland, Oregon  
ECSI #84**

Dear Mr. Wyatt:

In a letter dated September 14, 2007, the Oregon Department of Environmental Quality (DEQ) approved the following technical memorandums subject to certain conditions and with comments:

- "Proposed Groundwater Seepage Meter Deployment Scope of Work – Gasco Site," dated August 22, 2007 (Seepage Meter Scope); and
- "Proposed Transition Zone Water (TZW) Tidal Influence Study Scope of Work - Gasco Site," dated August 22, 2007 (TZW/Tidal Influence Study).

Anchor Environmental, LLC (Anchor) prepared both documents on behalf of the Northwest Natural Gas Company (NWNG).

During telephone calls on September 20<sup>th</sup> and 27<sup>th</sup> and by e-mails exchanged between DEQ (dated September 25<sup>th</sup>) and Anchor (dated September 26<sup>th</sup> and 27<sup>th</sup>), final agreements were reached on the field programs included within each document. On September 27<sup>th</sup> DEQ provided verbal approval for NWNG to proceed with the Seepage Meter Scope and TZW/Tidal Influence Study.

This letter provides DEQ written approval of the Seepage Meter Scope and TZW/Tidal Influence Study as modified by Anchor's September 26<sup>th</sup> and 27<sup>th</sup> e-mails.

DEQ understands that NWNG is initiating in-water work early this week. Field work will include deploying seepage meters, and installing and sampling piezometer pore water samplers to take advantage of seasonal low river levels and tidal conditions that support the data collection objectives of both field programs.

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Northwest Natural Gas Company  
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DEQ appreciates the ongoing work being conducted to investigate impacts to the Willamette River by NWNG's former manufactured gas plant operations.

Please contact me with questions regarding this letter.

Sincerely,

Dana Bayuk  
Project Manager  
Cleanup & Portland Harbor Section

Cc: Sandy Hart, NWNG  
Patty Dost, Schwabe Williamson & Wyatt  
Rob Ede, Hahn & Associates  
John Edwards, Anchor Environmental  
Carl Stivers, Anchor Environmental  
Tom McCue, Siltronic  
Alan Gladstone, Davis Rothwell Earle & Xochihua  
James Peale, Maul Foster & Alongi, Inc.  
Eric Blischke, EPA  
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Jim Anderson, DEQ/PHS  
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ECSI No. 84 File